

ELECTROCHEMICAL CELL SYSTEM OUTPUT CONTROL
METHOD AND APPARATUS

ABSTRACT

A method and apparatus is provided for an electrochemical cell system. The electrochemical cell system includes: an electrochemical cell; an energy source configured for providing a quantity of energy to the electrochemical cell; a sensing apparatus in operable communication with a gas output from the electrochemical cell, the sensing apparatus

- 5 provides an output signal indicating a parameter of the gas output; and a computer in operable communication with the sensing apparatus. The computer includes a memory device configured to store a first operational parameter, and a processor configured to receive a digital representation of the output signal and the first operational parameter. The processor compares the digital representation of the output signal to the first operational
- 10 parameter for regulating the quantity of energy provided to the electrochemical cell.